

85-064514/1 J01 NIPPON GENSHIRYOKU JIGYO (TOKE) 13.07.83-JP-127086 (31.01.85) 801d-13 Backwashing of hollow filament membrane filter - with gas bubble prodn. to ensure complete particle removal		NIGJ 13.07.83 *J6 0019-002-A	
C85-028176		J11-C3	
<p>While a compressed air or liq. is introduced into a hollow filament membrane to penetrate air or liq. from the inside to the outside of the membrane, a bubble producing nozzle arranged on the side of or under the membrane generates numerous bubbles in a vessel housing the hollow filament membrane. The bubbles vibrate the liquid in the vessel to remove fine particles attached to the outer surface of the hollow filament membrane. Pref. a number of hollow filament membranes are bonded to form a module.</p> <p>ADVANTAGE - The fine particles attached to the hollow filament membrane can be completely removed, thereby prolonging its useful life. (13pp Dwg.No.0/5)</p> <p>Full Patentees: Toshiba KK; Nippon Genshiryoku KK.</p>		080	